2025 Honda Truck CR-V 2WD L4-1.5L Turbo (L15BE)
Vehicle > Maintenance > Fluids > Fluid - CVT > Service and Repair > Procedures

TRANSMISSION FLUID (HCF-2) LEVEL CHECK AND REPLACEMENT

Transmission Fluid (HCF-2) Level Check and Replacement

Check

How to use this manual.

⚠ CAUTION Be careful not to burn yourself by the hot part.

NOTICE

Keep all foreign particles out of the transmission.

1. Transmission Fluid Level - Check

■ Preconditions

- Vehicle Lifted
- Engine Undercover Plate Removed
- Engine Warmed Up
  NOTE: Warm up the engine by raising the engine speed around 3,000 rpm until the cooling fan(s) comes on.

■ Procedure/Specifications

NOTICE

Check the transmission fluid level after the shift lever operation without spending too much time.

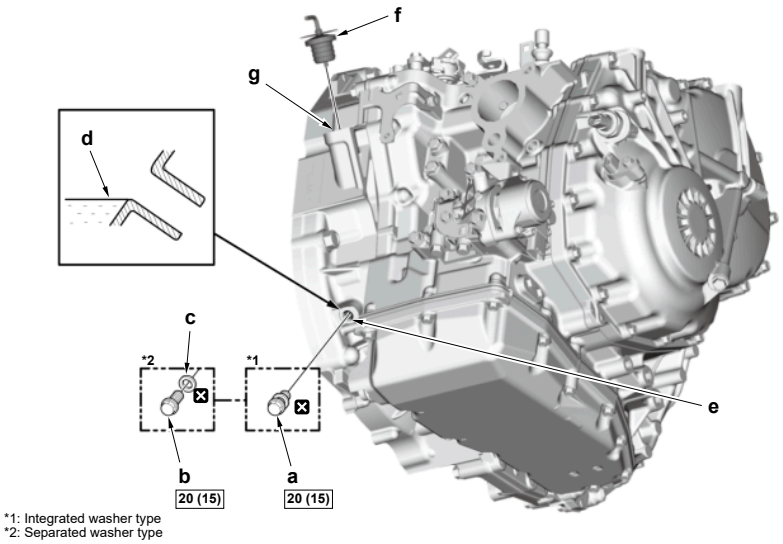
NOTE: There are two types of check bolts: integrated washer type and separated washer type.

1. Start the engine.
2. While pressing the brake pedal firmly, shift the transmission to P→R→N→D→S→L*→S→D→N→R→P position/mode, and wait at least 3 seconds in each position/mode.

*: Without paddle shifter

3. With AWD (when replaceing the transmission or the transfer assembly): Enter the VSA system maintenance mode, shift the transmission to D position/mode and drive the vehicle above 12 mph (20 km/h) for at least 1 minute.
4. Turn the engine off.
5. Integrated washer type: Remove the check bolt (a).

Separated washer type: Remove the check bolt (b) with the sealing washer (c).



6. Check the transmission fluid level.

Specifications

Position	Specification
d	The transmission fluid is dripping from the check hole (e).

7. If necessary, do the following procedure.

-1. Integrated washer type: Temporarily install the check bolt.

Separated washer type: Temporarily install the check bolt with the sealing washer.

-2. Remove the filler cap (f).

-3. Add the recommended fluid into the filler hole (g) at the suitable amount.

NOTE: Using the wrong type of fluid will damage the transmission.

Fluid Details

Type
Honda HCF-2

-4. Install the filler cap with the lever toward the front of the vehicle.

-5. Go to the first step, then recheck.

8. Integrated washer type: Install a new check bolt.

Separated washer type: Install the check bolt with a new sealing washer.

■ Result

- If the transmission fluid level is below the proper level, check for fluid leaks at the transmission and the fluid lines. If a problem is found, fix it before filling the transmission with the transmission fluid.

Replacement

CAUTION Be careful not to burn yourself by the hot part.

NOTICE

- The transmission fluid is poisonous. If ingested, get medical attention immediately.
- Keep all foreign particles out of the transmission.

1. Transmission Fluid - Replace

■ Preconditions

- Vehicle Lifted
- Engine Undercover Plate Removed
- Engine Warmed Up

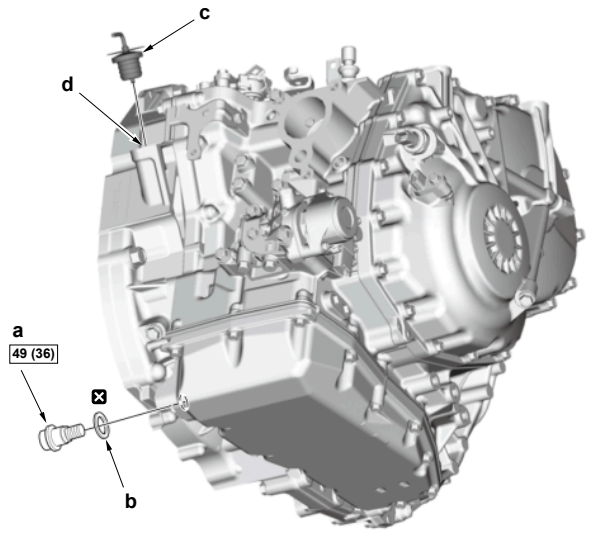
  NOTE: Warm up the engine by raising the engine speed around 3,000 rpm until the cooling fan(s) comes on.

■ Procedure/Specifications

1. Remove the drain plug (a) with the sealing washer (b), and drain the transmission fluid for at least 5 minutes.

NOTICE

Remove metal particles from the magnetic surface of the drain plug.



2. Reinstall the drain plug with a new sealing washer.
3. Remove the filler cap (c).
4. Refill the transmission with the recommended fluid into the filler hole (d).

NOTE: Using the wrong type of fluid will damage the transmission.

Fluid Details

Type
Honda HCF-2

Fluid Amount Details

Application	Operation	Specified Amount
Without AWD	At Fluid Change	3.5 L (3.7 US qtt)
	At Oil Pan, Valve Body Assembly, and Transmission Fluid Pump Removal, Installation, and Replacement	5.8 L (6.1 US qt)*
	At Overhaul	7.3 L (7.7 US qt)
With AWD	At Fluid Change	3.9 L (4.1 US qt)
	At Oil Pan, Valve Body Assembly, and Transmission Fluid Pump Removal, Installation, and Replacement	6.1 L (6.4 US qt)*
	At Overhaul	7.7 L (8.1 US qt)

NOTICE

*: Reference transmission fluid (HCF-2) capacity when working time is 20 minutes. The actual transmission fluid (HCF-2) capacity will vary from the specified capacity based on the length of time the transmission fluid pan is off the transmission. Avoid leaving the transmission fluid pan off for extend periods of time.

5. Install the filler cap with the lever toward the front of the vehicle.

■ After Replacement

1. Electric Oil Pump Air Bleeding (With Auto Idle Stop System)

2. Transmission Fluid Level Check

NOTE: Refer to the Check procedure for more details.

3. Maintenance Minder Reset (With Maintenance Minder System)

If the Maintenance Minder requires the ATF to be replaced, reset the Maintenance Minder with the gauge (see "Resetting the Maintenance Minder"). If the Maintenance Minder did not require the ATF to be replaced, reset the Maintenance Minder with the HDS (see "Resetting the Individual Maintenance Items").